From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: N5EM@aol.com
Subject: [8855] 10 meters - NOW!
Message-ID: <960522203446_540822154@emout13.mail.aol.com>

Gang,

10 meters is open NOW 7:30 cst (guess that's 0030 UTC tomorrow or something?)

Working into 8 land from Texas. Heard 4's S9 on the way home.

Fire it up on 28.060.

Ed, N5EM

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Jim Kortge, NU8N" <jokortge@tir.com>
Subject: [8860] 5/22/96 Bicycle Mobile Contacts
Message-ID: <1.5.4.16.19960523020305.2e9f233c@tir.com>

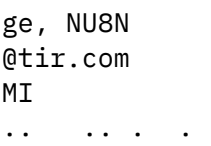
Gang....for those that are interested, I went riding this
evening after work and had a great time on 17 with the
bicycle mobile equipment you saw at Dayton. (At least those
that were at the ARCI banquet) Here's the rundown!

All contacts running 2 watts SSB; didn't need the 'lil amp
tonight.

Call	QTH	Rpt Rec'd
N1IOM	CT	S6
KB2TGY	NY	S3
N4WTG	VA	S5
WA0EAY	IA	S3
WA8YUZ	MI	S5 (George is a local lad)
W0DRL	KS	S9
ZF2DR	Cayman	S6

And on top of that, I got a nice 30 mile ride in! :-)
Wednesday afternoons after 3:30 are one of the days that
I usually ride; look for me on 17 and/or 40, depending
on band conditions. 40 was broken this afternoon!!

72...Jim

Jim Kortge, NU8N
jokortge@tir.com
Fenton, MI


From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Peter Zenker <100743.3320@CompuServe.COM>
Subject: [8841] Antenna Wires
Message-ID: <960522205419_100743.3320_EHV163-3@CompuServe.COM>

Some of the first mails I got from the list discuss the strenght of antenna wire, we need.

My opinion is that the strengh of the wire is not a question of the power i will use, but a question of what the birds are thinking about an unvisible wire. Thin antenna wires will work for QRP, but will kill birds too.
72 de Peter, DL2FI

First posting has to be friendly, I know, but I like those little singing friends ;-)

E-mail von: Peter Zenker, 22-May-1996

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Peter Zenker <100743.3320@CompuServe.COM>
Subject: [8842] Back on the list
Message-ID: <960522205416_100743.3320_EHV163-2@CompuServe.COM>

Hello all QRP friends,
after more than a year absence because I didnt found the mails of the company president between all the qrp-l mails one cold December morning, I have now a private CS$ account ;-))

Im still
- -working with QRP+ modifications ;-(
- -writing the QRP QTC for a German Ham Radio Magazin
- -building kits and other QRP related stuff for my series
 "Test the kit" in this mag

New are my WWW pages for the Activity Group QRP Berlin
(http://ourworld.compuserve.com/homepages/Peter_DL2FI)
New is also my fresh membership in the Adventure Radio Society (Peter, the only Kayak-mobile QRPer in Berlin ;-)))

So thats me, and like it to be back on the list.
72 de Peter, DL2FI from Berlin- Germany G-QRP 1053

E-mail von: Peter Zenker, 22-May-1996

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Mike Robinson <miker@cc.com>
Subject: [8830] Correction to survey
Message-ID: <9605221743.AA01607@voder.nsc.com>

The correct area code for Ten-Tec is 423.

I was going to blast a fax and beat you all
with my survey, but haven't been able to
get through. So, there you go.

=-=-=-

Freeway. I will be leaving on the 30th at 6:24pm, yes Ill be there a whole 24 hours plus (dont ya just love business travel).

By the time I get in and get something to eat it will be time for bed. Will there be any good nets on Wednesday night the 29th? Or should I just leave the 2M rig at home?

Does the DoubleTree have windows that open? (dont know what floor Ill be on yet) or maybe a double tree to hang a dipole between?

Let me know direct - Im only about a week behind in my qrp-l digest reading - I may just get caught up in Dallas ;^)

If any of you want to learn about QRP (Qualified Retirement Plans) or NQDC (Non-Qualifed Defered Compensation Plans) let me know and Ill see what I can do to put you to sleep Thursday ;^)

Thanks

de KB0ROL, Brad

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [8843] Darwin awards
Message-ID: <v01530501adc92c985482@[206.163.123.96]>

Here's a little story that a friend of mine forwarded to me-This fellow was the runner-up for the "Darwin Awards"-an award for the most creative way to eliminate yourself from the 'gene pool'

This one needs an intro, so you won't be lost at the beginning. This man, Rick H., was in an accident (work accident, not auto), so he filled out an insurance claim. The insurance company contacted Rick and asked for more information.

This was Rick's response: "I am writing in response to your request for additional information for block number 3 of the accident reporting form. I put 'poor planning' as the cause of my accident. You said in your letter that I should explain more fully and I trust the following detail will be sufficient. I am an amateur radio operator and on the day of the accident, I was working alone on the top section of my new 80 foot tower. When I had completed my work, discovered that I had, over the course of several trips up the tower, brought up about 300 pounds of tools and spare hardware. Rather than carry the now unneeded tools and material down by hand, I decided to lower the items down in a small barrel by using a pulley, which was fortunately attached to the gin pole at the top of the tower.

"Securing the rope at ground level, I went to the top of the tower and loaded the tools and material into the barrel. Then I went back to the ground and untied the rope, holding it tightly to ensure a slow descent of the 300 pounds of tools. You will note in block number 11 of the accident reporting form that I weigh only 175 pounds.

Due to my surprise of being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate of speed up the side of the tower. At about 40 feet off the ground, I met the barrel coming down.

This explains my fractured skull and broken collarbone.

Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

"Fortunately, by this time, I had regained my presence of mind and was able to hold onto the rope in spite of my pain. At approximately the same time, however, the barrel of tools hit the ground and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighed approximately 20 pounds. I refer you again to my weight in block number 11.

As you might imagine, I began a rapid descent down the side of the tower. At about 40 feet off the ground, I met the barrel coming up. This accounts for the two fractured ankles, and the lacerations of my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of tools and, fortunately, only three vertebrae were cracked.

I am sorry to report, however, that as I lay there on the tools, in pain, unable to stand and watching the empty barrel 80 feet above me, I again lost my presence of mind. I let go of the rope.

 Let's see if Nils can top this one!!
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [8838] Dayton 97 Building and Design Contest
Message-ID: <31A36DAF.1981@telis.org>

I would like to formally announce the 1997 Dayton Building and Design contest.   This year's contest with the 49er and the Regen Receiver were

successful beyond my wildest dreams. You absolutely have to see the pictures of the entries when Steve Hideg gets them up on the web page. They were unbelievable. I think that we have hit on the right formula, by keeping the cost of the project cheap, having them built beforehand and brought to Dayton, providing kits for the selected project, and improving and sharing ideas here on qrp-l. So.....

Here is what I have come up with for Dayton 1997. We will have a design contest that will run from now until Nov. 1, 1996. Entrants will design a QRP project for submission to ARCI that has the following qualifications:

1. It must be QRP related.

2. The total cost of 1 quantity parts must be less than $25. Allow $5 for the pc board, as it must be included in the $25.

To enter send your design in article format (text in ascii, drawings ok hard copy) to me so that I will receive it by Nov. 1, 1996. The sooner you send it the better, as I don't want to get hit with 20 projects to evaluate all at once. We will select the best project to be the Dayton 97 ARCI building contest project, printed in the January issue of QQ and NorCal will kit it like we did this year with the 49er. All projects will be considered for publication by QQ. The winning entry will be awarded the very first ARCI Dayton Building Contest Plaque (Mike C. says it will even be real wood) at the 1997 Banquet and become famous forever.

Ok, designers, start your engines. Paul Harden called last night and said that he had 3 designs spinning around in his head, and that I would be getting them soon. The contest is on.

I believe this will be a win - win situation. QQ will get several low-cost construction articles, (which it needs), and we will get several more projects to build at the right price (cheap).

Send your submissions to:

Doug Hendricks, KI6DS
862 Frank Ave.
Dos Palos, CA 93620

72, Doug KI6DS

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [8810] DX Ten-Tec Surveys - I'll submit some
Message-ID: <Pine.3.89.9605220719.A5548-0100000@w3eax.umd.edu>

I just volunteered to submit one for a DL ham; I realize we have more

than a few DX QRPers on this list, and I contend that in order to have them in from DX-land by 1 June 1996, it could be costly (or impossible, or at least silly).

Fill out the form Chuck has sent - ELECTRONICALLY - and send it to me as part of an e-mail. I'll print it out, and send a whole batch of them to Ten-Tec. It costs $3.00 to send 2 pounds through the Post Office - what a bargain!

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [8831] FASC: Drop CW from Treaty (fwd)
Message-ID: <9605221739.AA01490@wizard.ucs.sfu.ca>

Hi Everyone,

This was posted on the contest and dx reflectors. Thought it might be of interest.

Without comment (for the present).

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

Forwarded message:
> From owner-cq-contest@tgv.com Tue May 21 17:01:15 1996
> X-Listname: Amateur Radio Contester's discussion list <CQ-Contest@tgv.com>
> Warnings-To: <>
> Errors-To: owner-cq-contest@tgv.com
> Sender: owner-cq-contest@tgv.com
> Message-Id: <1.5.4.32.19960521232421.006702e0@aloha.net>
> X-Sender: jreid@aloha.net
> X-Mailer: Windows Eudora Light Version 1.5.4 (32)
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Date: Tue, 21 May 1996 13:24:21 -1000
> To: cq-contest@tgv.com
> From: jreid@aloha.net (Jim Reid)
> Reply-To: jreid@aloha.net (Jim Reid)

> Subject: FASC: Drop CW from Treaty
> Cc: dx@ve7tcp.ampr.org
>
> Alert to contest and DX CW operators:
>
> The special committee appointed after WRC-95 to
> consider the dropping of CW (Para S25.5 as
> identified and pushed by the New Zealand
> ORACLE group) has decided to ask that the entire
> concept of CW as part of the international treaty
> regarding amateur radio HF operation qualifications
> be DROPPED. To wit, eliminate S25.5 entirely.
>
> To read the reasons why, and to submit your comments of
> approval or disagreement with this position see
>
>   www.arrl.org/iaru/
>
> and click on the FASC Position
> paper, first link listed on this, the IARU web page.
> Note especially paras 9.12, 9.13, and 9.14.
>
> The shoe is now on the foot of those who want CW retained
> as a licensing criteria to change the committees minds,
> else, the need for CW to obtain broad HF operating rights
> will be gone; and maybe well before 1999; read the fine
> print of the document! Where to send your comments is
> also given on that link.
>
> 73, Jim,AH6NB
>
>

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [8857] FDIM
Message-ID: <199605230117.VAA01284@mh004.infi.net>

Hi Gang,

I know, it's been said before, but not enough. The Dayton QRP Symposium and banquet were very successful. Many thanks to Paulette, Bob, Bruce, Preston, Buck, Pete, Mike, Myron and the others who made it possible.

Also thanks to the speakers for their interesting presentations. The talks

were just long enough to leave the audience wanting more. Most were right from this list.

Bruce Muscolino, W6TOY/3, Ed Manuel, N5EM, L. B. Cebik, W4RNL, all spoke on various aspects of antenna practice and design. Subject material ranged from Attic to Helic to Vee beams to shortened Yagis.

Bill Kelsey, N8ET, Kathy Szakonyi, N3SAD, Paul Harden, NA5N, and Dick Szakonyi, WA3ZOW, covered both technical and practical design as well as kit building.

Rev. George Dobbs, G3RJV, Dick Pascoe, G0BPS, Rick Zabrodski, VE6GK and Bob White, WO3B, talked about QRP operating practices from milliwatting to building to operating from a glider.

Chuck Adams, K5FO, discussed the 30 meter propogation study and Danny Gingell, K3TKS, QRP-ARCI nets.

We even heard briefly from Roy Lewallen, W7EL

Finally, to those I ommitted, I appologize. It was a great experience and everyone who attended contributed to the quality of the affair.

CU Next year,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Bruce Milne <bmilne@vivanet.com>
Subject: [8809] Free QRP Software (QRPPAL)
Message-ID: <9605220824.aa27074@vivanet.vivanet.com>

The QRP Companion, an IBM compatible program that I wrote for the QRP community is now available for downloading on the internet. This program was first introduced to the QRP community at the 1996 Dayton hamvention FDIM QRP Symposium.

The program includes several different versions of my "Logger" program, a QRP contest and dupe checking program designed specifically for QRP contests. It includes versions for ARCI, NW QRP, MI QRP and CQC QRP contests, as well as a "generic" version.

Also included are a number of "modules" in the form of user modifiable databases. Some of the included modules are rig reviews (with photos), ARCI

Awards (WAS, WAC, DXCC, QRP-25, QNI Net award, etc.), QRP clubs, QRP periodicals, QRP contest information, etc.

This program is FREEWARE. To download it, simply connect to the NJ QRP Club Homepage and click on the "QRP Software" button.

The address is: http://www.ges.com/~marmor/

72 de Bruce Milne, WB2QAP

****
72 de Bruce, WB2QAP
Internet: bmilne@vivanet.com

****

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Bob Scott" <Bob_Scott@cpqm.mail.saic.com>
Subject: [8816] Hamfests?
Message-ID: <n1379363045.55176@cpqm.saic.com>

I am going to Erie, PA this weekend (May 25-27) to visit with family and was wondering if there were any hamfests within a hundred or so miles from there that would be occurring this weekend. Please email me if you know of any. Thanks. Bob

73, Bob AC4QO ... AFA2CY Woodbridge, VA

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [8839] handheld button SK?
Message-ID: <692CA33101172C16@mhsgate.meth-mem.org>

Filling out the Ten Tec questionaire encouraged me to think about what product I would like to
see. I do a lot of camping/canoeing/portable operation and use a SK (QLF) or when space permits,
a cheap set of iambic paddles. I have tried the whiterook products and while cute, they were not
for me, neither do I want to cart along a $200 fatherland key. In a radio rag sometime in the
past few years, I saw a picture of something purported to be a WW2 hand key. It looked like a

couple of contacts attached to a cloths-pin/ring kinda of thing with the idea that you held it in
your hand and keyed by making and breaking the connections on your fingers. Does anyone know of
such an item? The nice thing is that you could key w/o a solid surface, etc. Just kinda carry it
around in your pocket (no, depending on size/configuration people might get the wrong idea, hi hi)
de Mike, KR4IT

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: lewise@admin.inetport.com (KA5T Larry Wise)
Subject: [8844] KeyCAD Library
Message-ID: <199605222100.QAA07172@admin.inetport.com>

Eons ago someone here mentioned what a good deal KeyCAD for DOS is, and
mentioned that they had an extensive library of electronic symbols which
they would be willing share if anyone was interested.

I have recently purchased a copy of KeyCAD for windows, and would like to
take advantage of the library offer it it is still available....

Are you still out there????? Can the library be ftp'd from somewhere????

Larry, qrp-l 89
KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: vhatley@usa.pipeline.com (Vernon A. Hatley)
Subject: [8854] Log Periodic antenna
Message-ID: <199605222356.XAA01106@pipe17.h1.usa.pipeline.com>

I don't remember this being discussed before; if it has, sorry for the band
width. Has anyone out there in QRP land tried a log periodic antenna;
such as the Cushcraft or Hy Gain. The idea of an beam antenna that doesn't
require traps or tuner for multi band operation fascinates me.

72/73
--
KK5RO   Butternut Vertical
Vernon A. Hatley   OHR Explorer II 40M
QRP-L #325   Ten-Tec Omni V
Kent Paddles

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Herb Henson - KO6Z <102200.1642@CompuServe.COM>
Subject: [8847] Looking for AN/GRC-109 Radio
Message-ID: <960522212739_102200.1642_HHO33-1@CompuServe.COM>

In the early sixties I was a U.S. Army Special Forces Team radio operator. Our primary radio was the AN/GRC-109, a 15-watt (almost QRP) "spy" type CW rig, crystal controlled, which used end-fed wire with counterpoise and dipole type antennas we made ourselves. In the field, we used a hand-crank generator to power the transmitter. I would like to have one of these old radios for nostalgia sake. Does anyone have any idea where I might find one?

Herb - KO6Z
102200.1642@compuserve.com

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: JDuffy@aol.com
Subject: [8826] MFJ SSB QRP Radios
Message-ID: <960522123011_496378552@emout12.mail.aol.com>

Did not see it on the list yet, but did anyone else besides me notice that MFJ is expanding the travel radio line beyond 20 and 6 meters? Can't wait to get a hold of a 40 meter version. MFJ said they are already sold out of the 6 meter radios until the next production run.

Hey Ten-Tec, wake up my friends and build something like these travel radios. You build 'em, we'll buy 'em (oh, and as long as they are at a reasonable price - no more Argonaut II prices).

Regards,

Duffy - WB8NUT

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: lewise@admin.inetport.com (KA5T Larry Wise)
Subject: [8803] NE602/NE612
Message-ID: <199605220408.XAA16689@admin.inetport.com>

I recently got the TEN-TEC T-Kit 1056, which is the direct conversion receiver

which uses the NE612 chip. Here is what TEN-TEC says about it....

"...by the Signetics NE612AN mixer-oscillator, functionally identical to the well-known NE602. The NE612AN is used because it is standard TEN-TEC inventory."

fwiw...

Larry qrp-l 89
KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [8808] New Cascade kit owner questions
Message-ID: <199605221145.GAA19018@sparc.isl.net>

Hi, folks.

I received my Cascade kit last Friday and I've been browsing the manual. Before I get started, have there been any worthwhile mods I should consider before I start soldering? Also, this will be my first time winding toroids. Where do I get Q-Dope? Any other suggestions from other builders? Should I paint the case before or after assembly?

I'm looking forward to getting started. It was only natural that I got the kit on a Friday - just before leaving for a weekend Boy Scout campout. We got hit with the same weather (southern Minnesota) as Denton reported. Had my 2m HT and I was able to provide some weather reports while the spotters were out. The repeater in use was only put into service two or three weeks ago. Never did get a chance to throw up my 20m wire and get on the air on HF...

72.
Tony Drumm
Rochester, MN
internet: tdrumm@isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Subject: [8858] New QRP Book at Dayton
Message-ID: <199605230124.VAA15198@brutus.bright.net>

Hi gang,

I am pleased to say that my new book "Introducing QRP" went well at Dayton, sold almost 100 but didn't quite sell out, so Bill N8ET has a few for sale.

I also sold a lot of my first book "Pascoe's Penny Pinchers" (on simple wire antennas) Bill has a few of these too.

They cost: Introducing QRP is $10
Pascoe's Penny Pinchers is $7

Shipping / Handling is $2 for the above.

For US orders please E-mail Bill at 'kanga@bright.net' for ordering details.

He also has a few of Peter Dodd G3LDO books. Antenna Experimenters Guide. These cost $15 each and are excellent for the antenna experimenter.

Others in stock include:

Radio Projects for the Amateur by VK3XU @ $15
G-QRP Antenna Handbook @ $12

Shipping / handlin for these is $3

For non US orders contact me as under.

72 de Dick G0BPS

Sales@kanga.demon.co.uk

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Tim Pettibone <tpettibo@nmsu.edu>
Subject: [8828] QRP-L and Dayton-L
Message-ID: <199605221702.LAA19576@NMSU.Edu>

My hypothesis:

If you went to Dayton you'll be in favor of combining QRP-L and Dayton. If you didn't go to Dayton you'll want to keep 'em separate.

Tim AB5OU
Las Cruces, NM

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: N5EM@aol.com
Subject: [8849] R/S DSP
Message-ID: <960522173824_540700484@emout08.mail.aol.com>

Gang,

Nothings perfect. That's for sure. But another thought about the R/S DSP popped out. With the Cascade, Dave Benson's White Mountain-20 (ah-ha, you didn't make Dayton, you don't know about it yet), the MFJ SSB Travel Radios, the Epiphyte, the Mizuho series of HF HTs, I think those with the close-out, $40 DSP boxes will find them to be worth every penny performing all that magic they do in the SSB mode.

On CW it's ho-hum, unless you are working with a really bare bones rig.

I use mine on a Uniden HR-2600 where it's just short of marvelous (no CW filter, about a 5 khz. filter to pass AM that is also used for SSB). I guess I could build a SCAF filter for it or buy a Timewave ($200+) or throw together a bunch of op-amps but, as previously noted, whose got time and who wants to spend big bucks when you could buy another QRP kit to go with the unbuilt ones in your closet :-)

My sage advice (worth all you had to pay for it): If you don't like your R/S DSP, try it on a simple SSB rig. If you still don't like it, sell it to someone on the list who has a QRP SSB rig. I think that is where they really shine, especially if you have a 20 meter rig. And for the $40 you had to give for one in Dayton, it's a bargain.

Hope to meet another 100 of you folks next year. What a spectacle! What a trip! What a load I had to haul back!

72
Ed, N5EM

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: mizrahi@svlhp8.scs.philips.com
Subject: [8833] RS DSP for CW
Message-ID: <9605221800.AA19604@svln20.scs.philips.com>

Jim N0OCT wrote:

> Please note, CW ops, that essentially this is just a fancy audio filter. It
> does not perform any noise reduction [like the higher priced DSP units], even
> though it claims to. Removes heterodynes very effectively for SSB or HF BCB.

I disagree with the note about CW. It may not be the best but in some cases
it made a big difference, especially with very weak signals with QRM.
You can build an audio filter but then you don't have the heterodyne notch,
high wattage amp with a speaker in a nice enclosure.
With all its limitations, I'd say it's a heck of a deal!

ORI AC6AN

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [8853] solar flux
Message-ID: <9605222248.AA18479@rgfn.epcc.Edu>

Hi gang
A day or so back I posted that the solar flux was at a low of 67 -
well as someone said "maybe it's going to be a limbo situation or
"How low do it go?"   It was at a low of 66 yesterday, still at 66
today and when I checked the SESC bbs, the 27 day outlook shows a
66 up to about the 30 or 31st of May with a gradual increase to 72
by the end of first week of June, then a decline to the upper 60's
again. Hopefully this will be the low point of the cycle and then
a rapid? climb out to good conditions again. Geomagnetic field is
expected to be quiet for at least the next 3 days. Good Luck & DX
Ray

--
Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [8818] Survey Form
Message-ID: <199605221405.OAA03131@chuck.dallas.sgi.com>

Gang,

Randy, KS4L, suggested that we do a survey of this group and then

send that to all the vendors.

This will do a couple of things.

1. It'll put all the vendors on level ground or have results from
   the same survey.

2. It'll give us, as a group, a snapshot of where we are on the
   average.

What I will do is start with the TenTec survey and modify it. In order
for me to process the results in rapid form all but a few of the questions
must be answered with a single number, say 1 to 5 as some order of importance
to some feature.

Send me email, let's not clutter the server here, and then on Monday
I'll post a preliminary form and then take updates and ideas for a week.
Then if everyone is happy or as close as we can get we'll doit.

The reason for the single number answer, I'm going to use the computer
to total all this. No other way to do it. I have 4GB of disk space to
accumulate this stuff. :-) Don't want to run out of space.

I'll also take suggestions from the manufacturers and parts houses if they
have particulars also. I want this to be as unbiased as possible. Also
clubs interesed in future projects may insert some questions. I'll have
to limit the total number of questions, but surely we can do this together.

With all this brainpower there isn't much that we can't do in the QRP world.

dit dit es thanks gang

p.s. I'll take names of the companies that should get it. I'll even go as
far as to push a copy to ICOM, YAESU, and the really big names.

--
Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=019 States=15 Confirmed=07 DX=01
AZ CA CO FL IL IN MI OK OR SD TN TX UT WI WY

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: M Faulkner <mike@g0ifk.u-net.com>
Subject: [8851] ten tec century 22 mods
Message-ID: <1.5.4.32.19960522224458.0066a05c@mail.u-net.com>

Hi guys.

I've got an aging Ten Tec Century 22 and am wondering if anyone has tried (or even succeeded) to add 18 & 24 MHz to it.

One of the problems that I can forsee is hetrodyne from the VFO which tunes from 6-6.5.

Any thoughts, comments even jokes appreciated.

Cheers.

Mike G0IFK G-QRP 3883

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: jwg6@cornell.edu (Joel Govostes)
Subject: [8850] Ten Tec rigs - info please
Message-ID: <v02120004adc939f0d888@[132.236.155.153]>

Didn't realize MFJ had come out with a little rig for 6 meters. Does it also run cw?

On Ten Tec: what is an Argonaut II - is that the copper-colored (i think) souped up version of the 509? I had a 509 years ago, bought it brand new, and it was wonderful - could kick myself for selling it when i went away to school. I was expecting the release of anotherArgo like it, but with WARC bands, but it never materialized i guess.

And - what's the difference between a Scout, Argo 556 and Scout II (thought i heard there was a new one).
I am considering the Scout, as i've had 3 Ten Tecs and found them to be great. Thanks, 73, N1AEP

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Jim.Nestor@ey.com
Subject: [8836] To balun or not to balun?
Message-ID: <00145000031378580000002*@MHS>

That is the question. Here's the details.

I built a compact twinlead loop antenna according to the specs in the St.

Louis newsletter. Same concept has been covered in several magazine articles. 15'8" of twinlead with a twist, a shorted stub and an open stub supposed to come out with an impedance of 300 ohms.

In theory, I need either a balun and coax to the rig, and/or a tuner. Sos I hooked it up to the king-sized MFJ in the shack and it tuned up real nice.

Problem is, the antenna is intended for a camping trip this weekend and there's no room in my widdle car for a big tuner. On the Plan B.

On a whim, I connected it to my little tuner, an MFJ Rando Wire tuner (an L net with only unbalanced feed - spelled coax). Used a couple of clip leads to the SO-239 and gave it a spin. Guess what, got the SWR down to 1.xx with no problem.

I vaguely remember something about unbalanced feedlines radiating whilst balanced ones don't and have always favored ladder line or twinlead over nasty "black snake coax". The question for today is "will it work this way?"

By the way, I only intend on using a short feedline, e.g. 10-20 feet anyhow. I guess I could wind up a small 1:1 balun on a toroid that would fit inside the MFJ, but I wonder which is worse: the loss inherent in the balun versus the balanced-to-unbalanced condition I have now.

Obviously the PA in my 40A won't care as long as the SWR is low, so the issue is whether I'll radiate all those milliwats into my kidneys, the ground, or the atmosphere? Whattdoyathink, antenna gurus?

73/72,

Jim, WK8G/2
jim.nestor@ey.com

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Rafael Garcia (EA4RJ)" <tie@bitmailer.net>
Subject: [8837] To: Marty, KD8BJ
Message-ID: <Pine.LNX.3.91.960522210036.5705A-100000@ea4rj.ampr.org>

(Sorry for the bandwith)

Marty, I sent you three message at your address. The mail didn't bounce me and I understand that you got all of three? I enclose the last one, and please let me know when you will be over here.

73,

Rafael,
Madrid (Spain)

>From tie@bitmailer.netWed May 22 21:00:13 1996
From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Ron Giuntini <rong@slip.net>
Subject: [8804] Trap dipole for 40?
Message-ID: <E0uM5wc-0004xB-00@fox>

Hello. Is anybody having any luck with a trap dipole antenna for low power? I don't have enough real estate for a full size dipole. Would this be better than a random wire with a tuner? Just looking for input. KB6GK
Ron

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [8856] WBL Design Paddle Review
Message-ID: <199605230057.AAA04226@chuck.dallas.sgi.com>

Gang,

Here it is the review as promised for the WBL Design
Iambic Paddle that I bought in Dayton. Enjoy.

Anyone else have this beauty?

-------------------cut here-----------------------

K5FO Paddle Review

MANUFACTURER: WBL Design
ADDRESS: 6345 Coffman Road
Indianapolis, IN 46268-2591

Send a first class stamp with mailing
label and I'm sure Stan will send you
his flier with photos and details.

OWNER: Stan Hails Jr W9WBL (FCO member)
PHONE: (800) 726-8936 for orders M/C and Visa : No CODs
MODEL NUMBER: V2L Iambic Paddle
PRICE: $99.00 + $6.00 S&H
WEIGHT: 44.1 oz
You won't be carrying this on any backpack
or boating adventures. :-)
DIMENSIONS OF BASE:
6.5cm x 8.0cm x 8.3cm (LxWxH)
2 1/2" x 3 1/8" x 3 1/4" (LxWxH)
This of this as a phone booth with
the back missing and the top&bottom missing too.
U-shaped. See ASCII drawing below.
HEIGHT OF BASE ABOVE TABLE:
0.2cm
1/8" (guessing here gang)
supported by four self-adhesive rubber feet

MATERIALS:
Steel base two parts on each side in vertical position
with black wrinkle paint and both attached to a
"high-tech" machinable black dull-gloss plastic
plate in vertical position in front with polished
front face. Probably Delrin. The plastic component
is attached via four screws from the front covered
with black plastic/rubber. Advertising brochure shows
bare screws, but this was not the case for this paddle.

Mechanics attached to front face.

ADJUSTMENTS, TOLERANCES, and LOCKING MECHANISM:
This is the closest paddle that I have to perfection
in this area. I can't detail the mechanism in the
vertical plane of the paddle. It is polished brass
bars with steel machine screws. Adjustments can be made
while sending, something that I did not have previously
and until you have it you don't know what you are
missing. This is the first key that I have been
able to send over 45 wpm with. This alone is worth
the price of admission.
The finger pieces are made of polished Cocobolo.
Hopefully someone can get a picture on the web soon.

PADDLES SEPARATION:
1/2" to 7/8" in steps of 0.016" increments. Very
clever and all parts are included. Uses a tool supplied
that is a screwdriver handle with an allen wrench shaft.

The paddles are adjustable in height from near the table to over an inch above the table.

TENSION MECHANISM:

A single spring between the two paddles adjusted by a knob on the right hand side. Tension can be from very light to very heavy with easy adjustment.

CABLING:

Wires attach to the two gold plated RCA phono jacks behind the front plastic plate. I use a 3.5mm stereo plug to dual RCA plugs commonly found at R/S and a 1/4" stereo jack to 3.5mm adapter also found at R/S. This allows me to plug into either the CK-2, MM-3, or CMOS III without worrying about polarity or which plug to use.

QUALITY OF WORKMANSHIP:

Superb. Obviously done by a craftsman and with attention to detail and functionality.

There is no vertical play in the paddles, just like the Kent.

PADDLE INFORMATION:

Has a better feel of any paddles I own and much quieter.

BROCHURE SUMMARY:

- Solid Gold Contacts from W.E. Alloy #1, 69% gold, 25% silver, 6% platinum
- Satin Finish Brass Key Assembly
- All Stainless Steel Screws
- 2.2 pounds of steel weights directly over key feet for maximum 'walk' resistance
- Capable of speeds over 50 wpm in experienced hands
- Easily adjustable contact spacing and spring forces can be 'tweeked' while sending
- Small 'foot print', only 2 1/2" x 3"
- Extra removable feet included
- Gold plated RCA jack outputs for easy keying polarity change
- Hardwood finger pieces of polished Cocobolo
- Adjustable finger height
- Adjustable finger spacing easily changed from 1/2" to 7/8" by 0.016 increments

PERSONAL OBSERVATIONS:

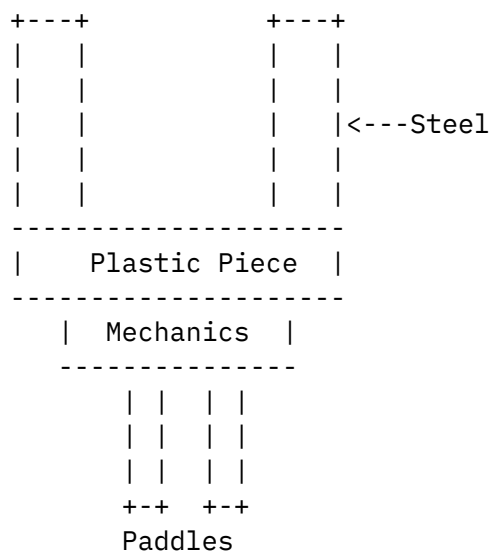
Stan had a CMOS III mounted on a piece of acrylic

plastic bent into an L shape and held to the back
with magnetic strips. There is not room for the
CMOS II as its PC board is wider.

In operation this paddle is a joy. For the serious CW
operator this puppy may be the one that remains on the desk.

I got serial number 65 and I think Randy got 58.
Not that accounts for a hill of beans. :-)
So it is possible to get some in the 50's I think.

>From the top using an ASCII view:



I can't get all the details without going into a
dissertation on the mechanism, but it is ingenious.
I am impressed on this one gang. N9VV was trying for
a year to have me buy one, but I was stubborn. My
mistake until Randy Rand, AA2U, and I sat down in
the fleamarket at Dayton and played with it. Tell
Stan I was the one sitting at the table when the
umbrella blew away. :-) Wind everywhere I go. :-)
And hot to boot. :-) No flames on that one gang.
I know.

I did not ever intend to go into the paddle collection
business. But look at me now. I have lost count, but
I'm about to stop this foolishness. Found one that I
can use daily without any problem. Not that I had much
problem with any other paddle and then only minor nits.

My understanding that Environtronic may not produce
any more paddles. If Ori has latest info he can
post same.

FYI. Usualy disclaimers. No commission checks coming
to this QTH. :-)

Someone else at Dayton bought one other than Randy
and myself. Any comments to the group? I think it
was either Brad or Gary. I'll attach the AK-1 to
the WBL and see how it plays.

I'm interested in just how much trouble it is to work
with acrylic clear plastic to form it, say using 1/16"
thickness. I guess that plexiglass comes in different
levels of flexibility as the stuff that I saw at
Home Depot yesterday was not stiff enough to hold its
shape well even for small sections.
--
Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO   TMPS 1996 Qs=020 States=15 Confirmed=07 DX=01
AZ CA CO FL IL IN MI OK OR SD TN TX UT WI WY

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
Subject: [8832] Wire size: cost vrs skin effect
Message-ID: <Pine.SUN.3.91.960522134225.15363D-100000@strong.Hydro.ON.CA>

OK All
I want to spin some big vees... and others in the same vane(actally
different vanes).

Is no 24 magnet wire useable?
For RX only?
At QRP levels, I wud use it fer xmit'in as well, if it was any gud fer RX.
Would U xpect a limiting frq.
Anyway, its alot cheaper fabric for a rx web!

Any thoughts?
Peter ve3gyy/whitby ont. ca. earth, milkyway...

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [8819] World QRP Day
Message-ID: <199605221412.OAA03149@chuck.dallas.sgi.com>

Gang,

>From the Number 45 - April 1996 issue of "Morsum Magnificat - The Morse Magazine" page 3.

World QRP Day

June 17 is designated annually by the International Amateur Radio Union (IARU) as World QRP Day. It is not a contest. The idea is simply to try working with low power.

Many QRP stations will be heard using typical power levels from 5 watts output down to milliwatts. High power stations are asked to avoid interference to these QRP stations - or better still, to reduce power themselves and join in the fun!

Nice. Keywords: QRP, annual, try, many, avoid interference, and fun.

--
Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=019 States=15 Confirmed=07 DX=01
AZ CA CO FL IL IN MI OK OR SD TN TX UT WI WY

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Rafael Garcia (EA4RJ)" <tie@bitmailer.net>
Subject: Re: A trip to Spain

On 20 May 1996, m.e.hartwell wrote:

> that is available. Are there ham equipment manufacturer unique to
> Spain, if there were it might be interesting to get some brochures of
> equipment to bring back with me to show at a club meeting.

Well, I'll take a few minutes before departure to the street. No, there is not amateur radio manufacturers here. Only a few companies that sell

accesories like power supplies, antennas, microphone, etc. Even there is not kit manufacturer own. All the kits are imported. Anyway, will be a pleasure to meet you, and show you two or three ham stores. (Prepare for impression, :))

> I am also a member of the qrp-l number 199, and saw your note
> in digest number 364, so retreived your email address to send to you this

I also have a qrp-l number startting by 3xx, and can't remember the rest, :)

> any good anyway I have spent all of my radio equipment money already
> on a good receiver to take on trips like the one I will take to Spain.
> At least I will be able to receive news from home and around the world
> while I am aw

Marty, sure at the hotel you will be, it has a TV set receiving satellite. As you may know, CNN is everywhere, ;) Anyway, I can invite you to visi tmy home. At this moment I have not the HF setup at place but only the satellite one. If AO-13 is in view, perhaps you can make a few contacts!
For HF, I have an Explorer II for 30m and long wire as antenna, but it is not working fine (the antenna I mean).

> in Alcobendes, I hope that is spelled correctly.

Almost right, Alcobendas is the name. Maybe you will be working at AT&T?

That's all, Marty. My English written is better than I speak, sure. Don't surprise please!!

Take care, and let me know when you departure to Madrid. Regards,

Rafael,
Madrid (Spain)

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Roger Hightower <aa7qy@dancris.com>
Subject: [8846] Re: Dayton 97 Building and Design Contest
Message-ID: <199605222104.OAA22733@user.dancris.com>

At 12:40 PM 5/22/96 -0700, Doug Hendricks wrote:
>

>   Here is what I have come up with for Dayton 1997. We will have
>a design contest that will run from now until Nov. 1, 1996. Entrants
>will design a QRP project for submission to ARCI that has the following
>qualifications:
>   (a bunch deleted)

Whoa, guys. I was under the impression that QRP was low power operating.
Granted, we all like to build stuff, and some like to design, but this here
contest is going to appeal to a pretty limited number of the group.

Back to QRP please, and not QEX.

72/73, de Roger AA7QY

NorCal 1099   CoQRP 176 QRP-L 62   G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [8848] Re: Dayton 97 Building and Design Contest
Message-ID: <199605222135.PAA07530@lynx.csn.net>

>contest is going to appeal to a pretty limited number of the group.
>
>Back to QRP please, and not QEX.

The design part perhaps but the building contest is available for all. I
see this as a two-part contest or really two seperate contests. Sounds like
a great idea to me and I am not a designer.

72, Bob KI0G>
QBF?   ZUE

Bob Cutter, ...Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: torell@sicom.com (Kent Torell)

Subject: [8859] Re: Dayton 97 Building and Design Contest
Message-ID: <v02130501adc96cb07785@[192.91.202.41]>

>Whoa, guys. I was under the impression that QRP was low power operating.
>Granted, we all like to build stuff, and some like to design, but this here
>contest is going to appeal to a pretty limited number of the group.
>
>Back to QRP please, and not QEX.

...this appeals to me, for one :-)

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA TMPS 1996 Qs=008 States=07 Confirmed=01 DX=00
AZ CO HI KS OK OR WA

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: weinfu@w8dc.#swmi.mi.usa.noam
Subject: [8806] Re: HP-427A Voltmeter, what is Q6?
Message-ID: <59943_WEINFU@w8dc.bbs>

R:960522/1059z @:W8DC.#SWMI.MI.USA.NOAM [GR, MI] #:15076 $:59943_weinfu Z:49504

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: W3HMS@aol.com
Subject: [8834] Re: please post survey results--not just forward them to Ten-Tec
Message-ID: <960522142614_540575513@emout19.mail.aol.com>

Wayne....an excellent idea.

73, John

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: lve1@inel.gov (Larry V East)
Subject: [8822] RE: QRP++ AGC Fix

Message-ID: <2.2.16.19960522145235.27d740aa@eloi.inel.gov>

>From a recent post:
>
>The problem is that R33 on "some" of the AF boards (2nd from the top) is the
>wrong value. The letter includes the correct resister (pre bent leads even)
>and disrections to do the fix... or you send your QRP++ back to Index and
>they will do it. Mine had the wrong resister... the fix was easy to install.
>
Very interesting that the "AGC thump" should be so strongly influenced by this particular resistor... it is in the emitter of the audio driver before the SCAF filter. Looks to me like changing the value only changes the gain of the driver amplifier and hence the maximum audio level going into the SCAF and then to the AGC detector. It certainly does not affect the AGC time constant. Oh well, if it works, do it!

There is a different audio driver arrangement in the "old" QRP+, so this only applies to the "new" QRP+ (QRP++).

Its also difficult for me to understand what affect a different EPROM would have on the problem. The SCAF's low and high frequency cutoff values are digitally programmed and hence might be changed in the new EPROM. Changing these values will certainly change the filter roll-off characteristics and might improve the "bleed thru" problem, but will it change the filter delay? I doubt it, but then I've been wrong before. Guess I need to find data sheets on the SCAF IC's and look into it...

72, Larry W1HUE/7
QRP+ Owner and Modifier

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: N0oct@aol.com
Subject: [8807] Re: RADIO SHACK DSP
Message-ID: <960522073117_201670398@emout08.mail.aol.com>

In a message dated 96-05-20 09:14:16 EDT, you write:

>
>As has been discussed here in the past, Radio Shack is closing out their
>digital signal processor. What originally sold for 79.95 is now selling for
>under $40. If your local shack doesn't have one in stock, ask them to check
>the district to see if they can locate one. I bought one Friday, but
haven't

>had it on the air yet. Actually I haven't been on the air in so long I
>forget
>whether the dashes are the long ones or the short ones. HI HI Oh, well!
>
>73's
>
>Brad, WB0CGH

Please note, CW ops, that essentially this is just a fancy audio filter. It
does not perform any noise reduction [like the higher priced DSP units], even
though it claims to. Removes heterodynes very effectively for SSB or HF BCB.
 I boiught one, and am going to sell it at the next hamfest. I can build a
lot of filters for $40. Then again, who has the time?

73, jim n0oct

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Dan Harriman" <KC5GXL@pnx.com>
Subject: [8811] Re: RADIO SHACK DSP
Message-ID: <199605221241.IAA92312@nss2.CC.Lehigh.EDU>

I have to agree with n0ogt on the poor performance of the R/S dsp
unit. It is not as effective as I thought it would be. I also am
going to try to sell it SOON!
kc5gxl aka Dan qrp-l 431 arci 9126 ars 25 fists 1572 10x

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [8812] Re: RADIO SHACK DSP
Message-ID: <CDC6A23101172C16@mhsgate.meth-mem.org>

I basically second Jim's - N0OCT comments regarding the RS DSP. Fine for SSB
operation but
marginal for CW. As a matter-of-fact I have not used a DSP yet that I would want
for CW
operation. I use to use my RS DSP as a speaker for a little OHR Sprint I had,
though. For point
of comparison, I have a SCAF "Smart Filter" on the base rig and an Index Labs QRP+
with the
built-in SCAF (works great! very pleased wid it). My 2db worth de Mike, KR4IT >
> From: N0oct@aol.com

>
>In a message dated 96-05-20 09:14:16 EDT, you write:
>
>>
>>As has been discussed here in the past, Radio Shack is closing out their
>>digital signal processor. What originally sold for 79.95 is now selling for
>>under $40. If your local shack doesn't have one in stock, ask them to check
>>the district to see if they can locate one. I bought one Friday, but
>haven't
>>had it on the air yet. Actually I haven't been on the air in so long I
>>forget
>>whether the dashes are the long ones or the short ones. HI HI Oh, well!
>>
>>73's
>>
>>Brad, WB0CGH
>
>Please note, CW ops, that essentially this is just a fancy audio filter.
>It
>does not perform any noise reduction [like the higher priced DSP units],
>even
>though it claims to. Removes heterodynes very effectively for SSB or HF
>BCB.
> I boiught one, and am going to sell it at the next hamfest. I can
>build a
>lot of filters for $40. Then again, who has the time?
>
>
>73, jim n0oct
>

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [8814] Re: RADIO SHACK DSP
Message-ID: <Pine.OSF.3.91.960522092410.7348D-100000@saturn.acs.oakland.edu>

On Wed, 22 May 1996, Dan Harriman wrote:

> I have to agree with n0ogt on the poor performance of the R/S dsp
> unit. It is not as effective as I thought it would be. I also am
> going to try to sell it SOON!

In defense of the little RS filter, any of you who saw it hooked up to
my 49er or NorCal40+ at the hospitality suite saw just how nice and
effective it is on primitive radios. Perhaps it is not as noticable on a

$1,000 ricebox but on homebrew QRP rigs with no audio amps, speakers or
filters it works GREAT and well worth the $39 they were selling for at
Dayton.

73! =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [8815] Re: RADIO SHACK DSP
Message-ID: <199605221335.IAA16562@alice.adsnet.com>

At 09:26 AM 5/22/96 -0400, you wrote:
>
>
>In defense of the little RS filter, any of you who saw it hooked up to
>my 49er or NorCal40+ at the hospitality suite saw just how nice and
>effective it is on primitive radios. Perhaps it is not as noticable on a
>$1,000 ricebox but on homebrew QRP rigs with no audio amps, speakers or
>filters it works GREAT and well worth the $39 they were selling for at
>Dayton.
>
>73! =paul= wb8zjl
>

I agree. It doesn't do any true noise reduction but works fine as a CW
filter and beat note eliminator on SSB. I think you'd find it difficult to
build anything better for $39 including case, speaker and audio amp.

72/3 de Allen, K9DZE
==========
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal QRP-L #112
==========

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: ddonald@vikings.onecomm.com (Dave Donaldson)
Subject: [8840] Re: RS DSP for CW

ORI AC6AN wrote.....

>With all its limitations, I'd say it's a heck of a deal!

And I say AMEN to that. At sell out prices its a good deal

Dave WB7DRU

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: lve1@inel.gov (Larry V East)
Subject: [8820] RE: Separate Dayton List
Message-ID: <2.2.16.19960522143231.1bc76ec4@eloi.inel.gov>

Please, PLEASE, KEEP 'EM SEPARATE! It sure was nice this year NOT having to wear out my "delete finger" going thru 100's of Dayton related messages in the daily digests! If you are really interested in the Dayton stuff, then what's the big deal about subscribing to the Dayton list?

DAYTON != QRP

72, Larry.

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [8821] RE: Separate Dayton List
Message-ID: <9605221440.AA02706@iiatasun.cba.Kodak.COM>

> Is the Dayton list just for qrp?
> Or is it generic?
> I wouldn't want to subscribe to a generic list,
> but wouldn't mind if it was qrp.

73 Brad WB8YGG

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [8823] Re: Separate Dayton List
Message-ID: <96May22.114557-0400edt.65558-14099+55@hooch.CC.Lehigh.EDU>

>   Is the Dayton list just for qrp?
>   Or is it generic?

This from the DAYTON-L welcome file:

    The DAYTON-L mailing list is open for discussion of any subject relating
    to the Dayton Hamfest. It is intended for members of the Internet QRP
    list.

73
Jim N3VXI

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [8827] RE: Separate Dayton List
Message-ID: <199605221636.MAA22018@borg.mindspring.com>

>Please, PLEASE, KEEP 'EM SEPARATE! It sure was nice this year NOT having to
>wear out my "delete finger" going thru 100's of Dayton related messages in
>the daily digests! If you are really interested in the Dayton stuff, then
>what's the big deal about subscribing to the Dayton list?
>
>DAYTON != QRP
>
>72, Larry.
>
I whole heartedly agree. Let's keep both lists focused. If I am able to go
to Dayton next year, it will only take a few seconds to subscribe, but it'll
take a lot longer to delete all the Dayton messages and cause a lot of grief
at my not being able to go.

To quote Larry: "Please, PLEASE, KEEP 'EM SEPARATE!"

  72 -- Jerry W1UI EM74ix 34 17' N 85 28' W QRP-PLUS random loop ant.
W1UI   TMPS 1996 Qs=008 States=07 Confirmed=00 DX=01
LA PA NJ WI MN NC KY

W PY

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Mac T <SIXPENCE@worldnet.att.net>

Subject: [8829] RE: Separate Dayton List
Message-ID: <199605221702.RAA12167@mailhost.worldnet.att.net>

I agree. May make Dayton for 1st time next year and enjoyed ante & post Dayton cmnts. However it would be nice to have the info etc., available separately for continuity and convenient access. I think people would feel freer to make longer comments and perhaps tell bigger lies if they knew everyone on the list was devoted FDIMer.
        72 y Paz MacT KQ4AL

At 02:32 PM 5/22/96 +0000, you wrote:
>Please, PLEASE, KEEP 'EM SEPARATE! It sure was nice this year NOT having to
>wear out my "delete finger" going thru 100's of Dayton related messages in
>the daily digests! If you are really interested in the Dayton stuff, then
>what's the big deal about subscribing to the Dayton list?
>
>DAYTON != QRP
>
>72, Larry.
>
>
>

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [8825] re: SEPERATE DAYTON LIST
Message-ID: <9605221629.AA19983@itg.ti.com>

From: Brad Bradfield   QLF

Subj: re: SEPERATE DAYTON LIST

Just to throw my 2 Watts worth into the discussion, if the DAYTON-L really ran as many as "100" postings a day, I vote to keep it seperate. I can ethically handle the 30-40 a day that the QRP-L runs on my work e-mail, but not 100+.

73's

Brad, WB0CGH

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Hans-Joachim Dezelski <hjd@abt2-a.d6.verwaltung.uni-tuebingen.de>
Subject: [8805] Re: Ten-Tec Survey

Message-ID: <Pine.LNX.3.91.960522100140.141A-100000@abt2-a.d6.verwaltung.uni-tuebingen.de>

Here is my answer. Could someone print it out and put it in his envelope. Otherwise it will not reach TT in time

72 de Hajo DL1SDZ

| H.-J. Dezelski | Email: dezelski@uni-tuebingen.de |

-- cut --

Ten-Tec, Inc. May 1996
1185 Dolly Parton Parkway
Sevierville, TN 37862-3710
Phone (615) 453-7172
Fax (615) 428-4483

From:
Hajo Dezelski
DL1SDZ
Galgenbergstr. 51
72072 Tuebingen
Germany

Dear OM/YL:

QRP activity seems to be growing and we hope to learn more about your interests. Sharing your ideas will help us develop products that best fill your needs and those of newcomers to QRP.

Please take a few minutes to complete this questionnaire and we encourage you to add any additional comments or suggestions. Please return it to us. Thanks for your assistance.

1) Your QRP interest is?
Part Time_80 %_____

2) How may QRP rigs do you own?
~ 7

3) Would you prefer your next QRP transceiver to be:
Kit X

4) Please indicate your primary (1st) and secondary (2nd) interest in QRP.
Camping_2_____ Backup Rig_1_____

5) What price would appeal to you for your primary QRP rig? Also mark a price class for your secondary rig.

1 $300 2 $150

6) If you were to purchase another QRP rig, please mark your desired price. 250 $

Now fill in the following chart to describe this rig and please keep in mind the price range you have chosen. (I am sure we would all want Cadillac features for a Chevrolet price.)

?

Mark 1 for very important to 5 for not important.

Noise Blanker	1
Pass Band Tuning	5
Variable Bandwidth Filter	5
Low Pass Audio	5
Adjustable Mike Gain	1
Variable TX Power Output	5
Power Meter	2
Speech Processor	1
Synthesized Oscillator	2
General Coverage Receiver	2
Digital Dial	2
Analog Dial	4
Power Phones Only	4
Power a Speaker	2
Low Current Drain on RX	5
VFO	5
Small Size	3
RIT	5
AGC	4
SSB	1
CW	5
S-Meter	2
SWR Meter	2
AF GAIN	5
RF Gain	5
QSK	5
Keyer	3
Mono Band	3
Multi Band	4

All Band 3

7) List the three most important features you desire in your
next QRP rig.

1st Jones Filter 200 - 1000 Khz
2nd Audio SCF Filter
3rd Rit +/- 5 Khz (for split operation)

8) Do you own the following test equipment?

Analog VOM	Y
Digital VOM	Y
QRP Wattmeter	Y
Oscilloscope	Y
RF Signal Generator	Y
Frequency Counter	Y

9) Do you operate VHF/UHF QRP? N

10) What other QRP products or accessories would you like to
see TEN-TEC offer?

1. Broad-band Amp 15-25 watt (sorry for the group, but sunspots...)
2. Little Ant-Tuner

H.-J. Dezelski	Email: dezelski@uni-tuebingen.de
Universitaet Tuebingen	Tel. : 07071 - 29-6792
ZV - Forschungsabteilung	Fax : 07071 - 29-5990

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: Hans-Joachim Dezelski <hjd@abt2-a.d6.verwaltung.uni-tuebingen.de>
Subject: [8817] Re: Ten-Tec Survey Correction
Message-ID: <Pine.LNX.3.91.960522155031.141N-100000@abt2-a.d6.verwaltung.uni-tuebingen.de>

Sorry for the bandwidth, but David W5RMZ interpreted my answer right.

>Here is my answer. Could someone print it out and put it in his envelope.

This has been done, tnx to Scott NF3I

72 de Hajo DL1SDZ

| H.-J. Dezelski | Email: dezelski@uni-tuebingen.de |

-- cut --

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Adjustable Mike Gain	5
Variable TX Power Output	1
Power Meter	4
Speech Processor	5
Synthesized Oscillator	4
General Coverage Receiver	4
Digital Dial	4
Analog Dial	2
Power Phones Only	2
Power a Speaker	4
Low Current Drain on RX	1
VFO	1
Small Size	3
RIT	1
AGC	2
SSB	5
CW	1
S-Meter	4
SWR Meter	4
AF GAIN	1
RF Gain	1
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Mono Band	3
Multi Band	2
All Band	3

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Frequency Counter	Y

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Universitaet Tuebingen	Tel. : 07071 - 29-6792
ZV - Forschungsabteilung	Fax : 07071 - 29-5990

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "Moore, Randy (William R)" <WRMoore@ingr.com>
Subject: [8813] RE: TenTec Survey
Message-ID: <c=US%a=_%p=INTERGRAPH%l=HQ9960522080044CK005100@hq15.pcmail.ingr.com>

Why not construct and conduct a survey of our own, then distribute it to ALL the vendors?

73, Randy
>KS4L

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: JDuffy@aol.com
Subject: [8824] Re: TenTec Survey
Message-ID: <960522122203_496373121@emout12.mail.aol.com>

Went out in the mail yesterday!

Regards,

Duffy - WB8NUT

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: James Bell <jim.bell@canada.cdev.com>
Subject: [8835] RE:WIRE SIZE
Message-ID: <199605221829.OAA79496@nss2.CC.Lehigh.EDU>

At H.F. I've found #24 ga just fine even at 100 watt levels.
Some purists will tell how its better to use stranded heavier
 gauge wire but I've found that the limiting factor was the
tendency for the wire to break under wind or weight loading.
Where we are in Canada, Ice loading is also a factor.
Canadian Tire used to carry some nice 7-strand 26 ga
steel wire for Lake Trout fishing. I strung a 470ft long wire
 from the 18th floor balcony of an apartment building to a tree
at ground level and got out first class with QRP. No one ever
noticed it and no one ever complained.
 "Sometimes it is easier to get forgiveness than it is to get
 permission."
 72 JIM VE3DDY OTTAWA

From owner-qrp-l@Lehigh.EDU Wed May 22 22:32:31 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [8845] Re: Wire size: cost vrs skin effect
Message-ID: <Pine.SOL.3.91.960522165249.22165B-100000@utkux4.utcc.utk.edu>

Peter,

Re: your proposal to use #24 magnet wire. No problem!

The chief effects of decreasing the wire size in an antenna are two: 1.
to change the resonant length (as a fat wire will always be shorter at

resonance than a thin one for any given frequency) and 2. to narrow the SWR bandwidth relative to a fat wire (for example, the no of kHz between 2:1 SWR points on a resonant half-wavelength dipole, using 72-ohms as the 1:1 baseline of comparison).

Differences in losses between #14 and #24 at QRP are insignificant compared to the differences in losses using copper vs. aluminum of the same size--and even these are not very significant in antennas.

Just be careful of the physical hazard posed by a nearly invisible wire to people and animals.

-73-
LB, W4RNL